

FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE
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INFORMATION DISCLOSURE
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APPLICANT
Barbas, et al.

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7/05/2000

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U.S. PATENT DOCUMENTS

EXAM. INITIALS		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE

FOREIGN PATENT DOCUMENTS

EXAM. INITIALS		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION YES NO
ms 1/2	1	WO 94/18219	8/ 18/ 1994	(PCT)			
ms 1/2	2	WO 94/18221	8/ 18/ 1994	(PCT)			

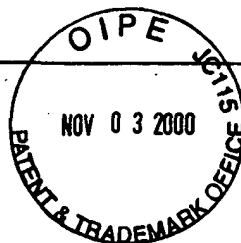
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ms 1/2	3	Cumano, et al., "Clonal Recruitment and Somatic Mutation in the Generation of Immunological Memory to the Hapten NP", <u>EMBO J. 5</u> : 2459-2468 (1986)
	4	Barbas III, et al., "Combinatorial Immunoglobulin Libraries on the Surface of Phage (Phabs): Rapid Selection of Antigen Specific Fabs", <u>Methods: A Companion to Methods in Enzymology 2</u> : 119-124 (1991)
	5	Clackson, et al., "Making Antibody Fragments Using Phage Display Libraries", <u>Nature 352</u> : 624-628 (1991)
	6	Barbas III, et al., "Assembly of Combinatorial Antibody Libraries on Phage Surfaces: The Gene III Site", <u>Proc. Natl. Acad. Sci. USA 88</u> : 7978-7982 (1991)
	7	Marks, et al., "By-passing Immunization: Human Antibodies from V-Gene Libraries Displayed on Phage", <u>J. Mol. Biol. 222</u> : 581-597 (1991)
	8	Zebedee, et al., "Human Combinatorial Antibody Libraries to Hepatitis B Surface Antigen", <u>Proc. Natl. Acad. Sci. USA 89</u> : 3175-3179 (1992)
	9	Gram, et al., "In Vitro Selection and Affinity Maturation of Antibodies From a Naive Immunological Library", <u>Proc. Natl. Acad. Sci. USA 89</u> : 3175-3179 (1992)
	10	Williamson, et al., "Human Monoclonal Antibodies Against a Plethora of Viral Pathogens from Single Combinatorial Libraries", <u>Proc. Natl. Acad. Sci. USA 90</u> : 4141-4145 (1993)

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10/31/2000

FORM PTO-1449

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Barbas, et al.FILING DATE
December 28, 1993GROUP
UnassignedINFORMATION DISCLOSURE
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U.S. PATENT DOCUMENTS

EXAM. INITIALS	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE
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EXAM. INITIALS	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	FILING DATE

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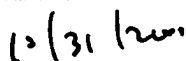
1	Kang, et al., "Antibody Redesign by Chain Shuffling from Random Combinatorial Immunoglobulin Libraries", <u>Proc. Natl. Acad. Sci., USA</u> , 88: 11120-11123 (1991)
2	Barbas, et al., "Semisynthetic Combinatorial Antibody Libraries: A Chemical Solution to the Diversity Problem", <u>Proc. Natl. Acad. Sci., USA</u> , 89: 4457-4461 (1992)
3	Persson, et al., "Generation of Diverse High-Affinity Human Monoclonal Antibodies by Repertoire Cloning", <u>Proc. Natl. Acad. Sci., USA</u> , 88: 2432-2436 (1991)
4	Gallop, et al., "Applications of Combinatorial Technologies to Drug Discovery. 1. Background and Peptide Combinatorial Libraries", <u>J. of Medicinal Chem.</u> , 37: 1233-1251 (1994)
5	Kipps, et al., "Autoantibody-Associated k Light Chain Variable Region Gene Expressed in Chronic Lymphocytic Leukemia with Little or No Somatic Mutation", <u>J. Exp. Med.</u> , 167: 840-852 (1988)
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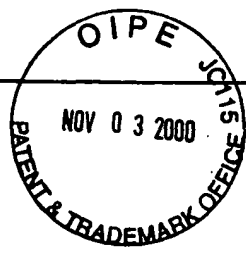
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10-1449 U.S. DEPARTMENT OF COMMERCE
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ATTY DOCKET NO.
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Unassigned 1644

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EXAMINER Mary B Jung N. Loh DATE CONSIDERED 2-26-01 10/31/2000

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